

Owner's Instruction Manual



Colleague Caller ID Type II 2 Line Multi-Feature Telephone Model 2220



Thank you
for purchasing the
Colleague 2220 Telephone

We want you to know all about your new Telephone - how to install it, the features it provides, and the services you can expect from its use. We have included this information in your Owner's Instruction Manual.

PLEASE READ BEFORE INSTALLING
AND USING YOUR NEW TELEPHONE.

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IMPORTANT SAFETY INSTRUCTIONS

Always follow basic safety precautions when using your telephone equipment to reduce the risk of fire, electrical shock, and injury.

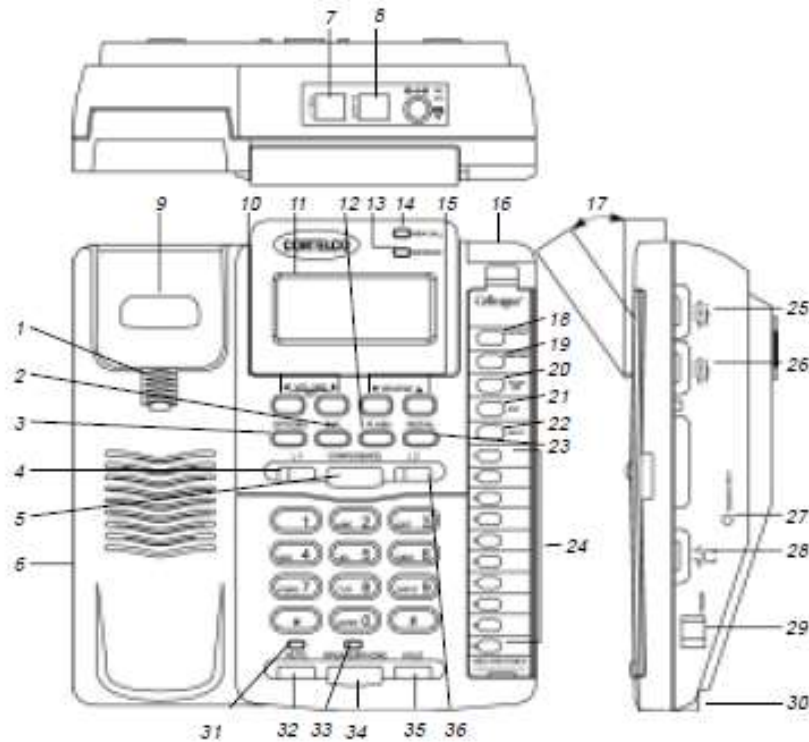
1. Read and understand all instructions in the Owner's Instruction Manual.
2. Read all warnings and follow all instructions marked on the product.
3. Unplug this product from the wall outlet before cleaning. Use a damp cloth for cleaning. Do not use liquid or aerosol cleaners.
4. Do not use the telephone near water. For example, do not use near a bathtub, wash bowl, kitchen sink, laundry tub, swimming pool, or in a wet basement.
5. Do not place this product on an unstable cart or stand. The product may fall causing serious damage to the product.
6. Use only the type power source indicated on the label. If you are not sure of the type power supply to your home, consult your dealer or local power company.
7. Do not place any objects on the telephone line cord. Do not locate the telephone where the line cord will be walked on.
8. Do not block or cover ventilation slots and openings in the bottom of the telephone. The openings should never be blocked by placing the telephone on a bed, sofa, rug, or other similar surfaces. The telephone should never be placed near or over a radiator or heat register. The telephone should never be placed in a built-in installation unless proper ventilation is provided.
9. Never spill liquid on the telephone or push objects of any kind through ventilation slots. Liquid or objects may touch dangerous voltage points or short out parts that could result in a risk of fire or electrical shock.
10. Do not disassemble this product. Opening or removing covers may expose you to dangerous voltages or other risks. Incorrect reassembly can cause electrical shock when the product is subsequently used.
11. Do not overload outlets and extension cords. Some telephones require AC power from an outlet. Overloading the outlets can result in the risk of fire or electric shock.
12. Avoid using a telephone during a local thunderstorm. There may be a remote risk of electrical shock from lightning. The spec of fuse F1 is 0.5A/250 V delay time.
13. Do not use a telephone to report a gas leak in the vicinity of the leak.

14. Unplug the telephone from the wall outlet and refer servicing to qualified service personnel under the following conditions:
 - a. When the line cord is frayed or plugs damaged.
 - b. If liquid has been spilled into the telephone.
 - c. If the telephone has been exposed to rain or water.
 - d. If the telephone does not operate properly by following the operating instructions. (Adjust only those controls covered by the operating instructions. Improper adjustment of other controls may result in damage and will often require extensive work by a qualified technician to restore the product to normal operation.)
 - e. If the telephone has been dropped or the housing damaged.
 - f. If the telephone exhibits distinct change in performance.
15. In case of power failure, outgoing calls can only be made using DTMF dialing on Line 1.

CAUTION: Always disconnect all telephone lines from the wall outlet before servicing or disassembling this equipment.

SAVE THESE INSTRUCTIONS

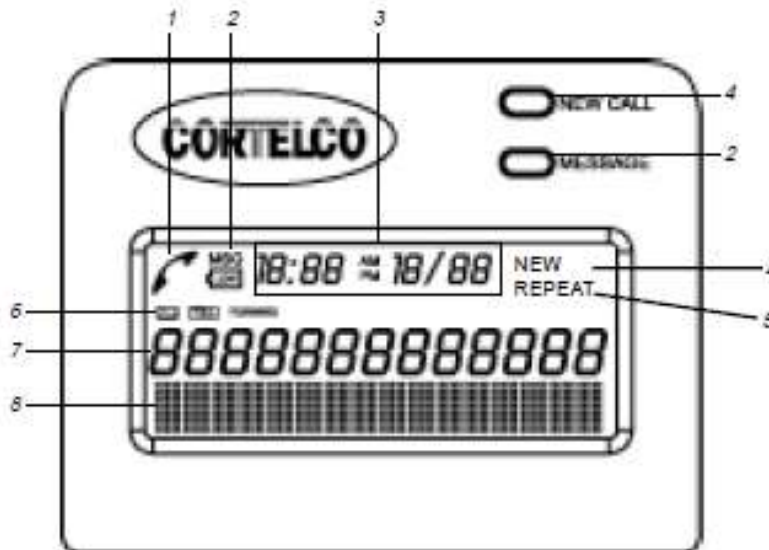
TELEPHONE PART IDENTIFICATION



1	Handset Hook	13	Message LED	25	Ringer 1 Switch
2	Dial Button	14	New Call LED	26	Ringer 2 Switch
3	Options Button	15	Review Up/Down Button	27	2.5 mm Headset Jack
4	Line 1 Button	16	90V Msg Indicator	28	Headset On/Off Switch
5	Conference Button	17	Adjustable Display	29	RJ9 Headset Jack
6	Handset Cord Jack	18	Contrast Button	30	Microphone
7	Line Cord Jack	19	Directory Button	31	Mute LED
8	Data Jack	20	Caller List Button	32	Mute Button
9	Hookswitch	21	Save Button	33	Speaker/Headset LED
10	Volume/Edit Button	22	Delete Button	34	Speaker/Headset Button
11	Display (LCD)	23	Redial/Pause Button	35	Hold Button
12	Flash Button	24	Ten Auto Memory Buttons	36	Line 2 Button

TELEPHONE PART IDENTIFICATION

DISPLAY

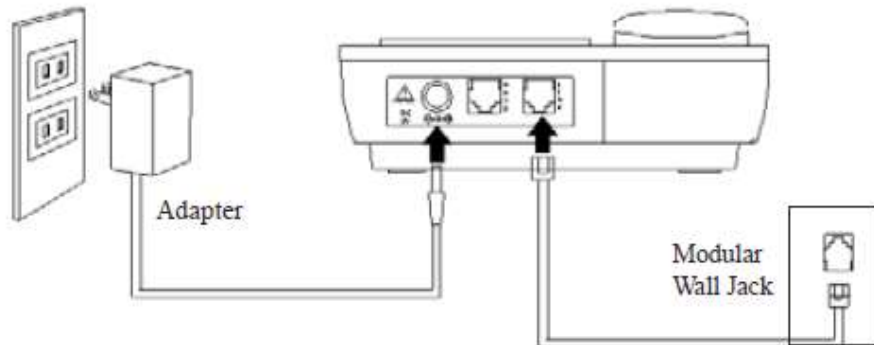


1	Extension in Use Icon - This icon displays, along with the MESSAGE LED whenever any phone is using the phone line.
2	Voice Mail Message Waiting - When using Central Office Voice Mail, this icon displays and the MESSAGE LED illuminates when a new message is waiting.
3	Current Time and Date
4	“NEW” displays and the NEW CALL LED illuminates when new Caller ID data is received. Review the new calls to clear this icon and turn off the LED.
5	REPEAT displays when the same caller calls multiple times.
6	CW (Call Waiting) - This displays when you receive a call on the line in use.
7	Phone Number - This can be either incoming or outgoing calls.
8	CID and Status information - Displays the Caller ID name and also the phone status and line status.

TELEPHONE USAGE

INSTALLATION

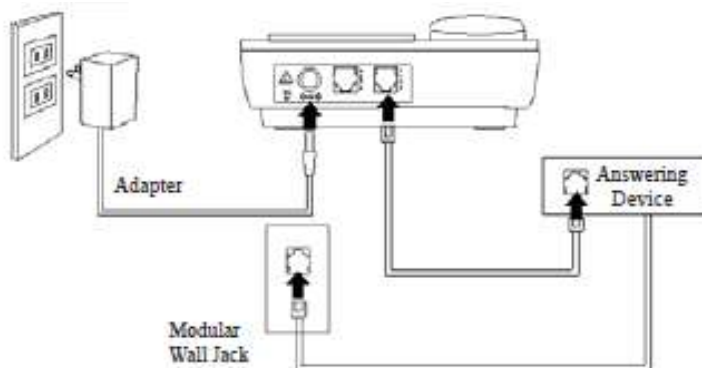
1. Connect the adapter. Plug the large part of the adapter into the wall outlet and the adapter tip to the jack at the rear of unit. Use only 9V DC, center positive Class 2 adapter with at least 300 mA current capability.
2. Connect the telephone line cord.
 - a. To connect without an answering machine - You may connect both lines to the LINE jack or connect Line 1 to the LINE jack and Line 2 to the DATA jack.



- b. To connect with an existing answering machine.
Connect the LINE jack of your answering machine to the wall modular line jack of either Line 1 or Line 2.

Connect either the LINE jack (Line 1) or the DATA jack (Line 2) of your 2220 to the PHONE jack of your answering machine. Connect the other jack on the 2220 to the wall modular line jack of Line 1 or Line 2.

Set your answering machine to answer the phone after 2 or more rings. Note that the answering machine will answer calls on only one line.



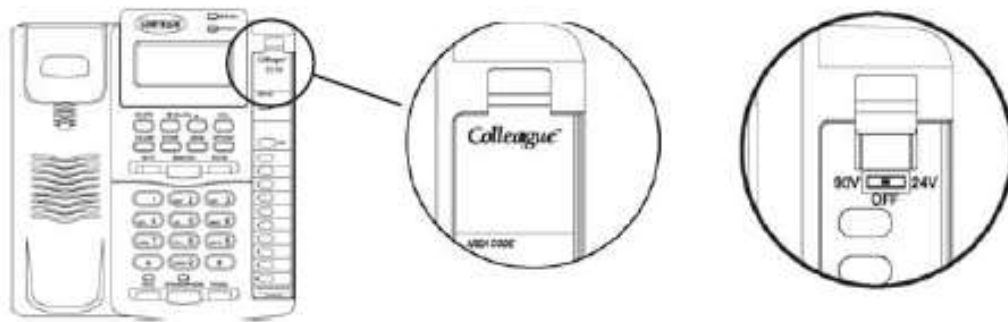
3. Follow the procedure "Unit Setup" to set up your unit.
4. Place the unit on a flat table or mount it on a wall. To mount on a wall, use the wall mount bracket and short line cord supplied.

90V/24V MESSAGE WAITING LAMP

If your phone is installed behind a Message Waiting enabled PBX, you will need to set the MW switch in order to receive the Message Waiting indication.

1. Remove the directory cover by moving the holding clip up, and pulling the clear cover up.
2. Once the directory cover is removed, locate the switch below the holding clip.
3. For 90V Message Waiting, move the switch to the position marked “90V”. For 24V Message Waiting, move the switch to the position marked “24V”. If connecting directly to telephone lines, move the switch to the center “OFF” position.
4. Replace and secure the directory cover by placing the directory cover on and moving the holding clip down.

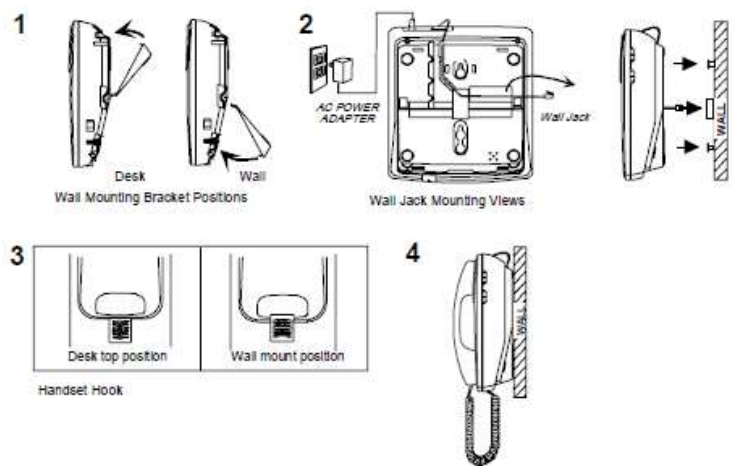
Note: 90V and 24V Message Waiting only function on Line 1.



Warning: Setting this switch in a position other than OFF can cause this phone to function incorrectly. This feature is for PBX systems. It is not meant for direct Central Office (CO) interface. If connecting to CO lines, set this switch is set to OFF.

WALL MOUNT INSTRUCTIONS

1. Install wall mount bracket in wall mount position and route cords as shown in diagram.
2. Connect the adapter and the line cord. See Steps on Page 9 for specific instructions.
3. Remove the handset hook and reattach in the opposite direction for the wall mount position. Plug the coiled cord into the handset, and then plug the other end of the cord into the base.
4. Place the handset on the base.



FACTORY PRESETS

The following table shows the factory settings for your unit:

Display	Setting
Language	English
Area Code	4 Area Codes, No Setting
Access Code	No Setting
Flash	600 mSec
Line 1/Line 2	Line 1
Tone/Pulse	Tone Dialing

Note: After you have set up the unit completely for the first time, use the Volume/Edit button to review or reprogram the Settings.

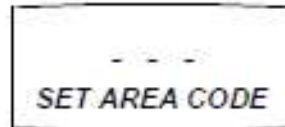
SETUP

After the adapter is connected, the display will show as indicated below:

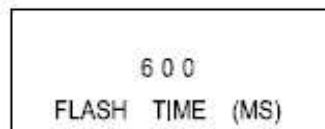
1. [SELECT LANGUAGE] appears on the display. “1.ENG” and “2.ESP” will flash to prompt for selection of English or Spanish. Note that this will only flash for a short while before going to standby mode.
 - a. Press 1 to select English or 2 to select Spanish. A check mark will appear by the selection.
 - b. Press the REVIEW DOWN (v) button to confirm the selection.



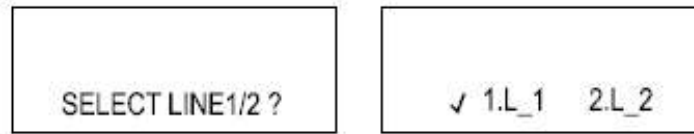
2. When [SET AREA CODE] appears, use the procedure below to set your local area codes. The 2220 can accept up to 4 local area codes.
 - a. Use the numeric keypad to enter the first area code (3 digits).
 - b. Press the REVIEW DOWN (v) button to confirm.
 - c. [ENTER 2ND CODE] will be displayed. Use the numeric keypad to enter the second area code (3 digits) and press the REVIEW DOWN (v) button to confirm.
 - d. Repeat this procedure for the third and fourth area code if desired.
 - e. To skip entry of an area code, press the REVIEW DOWN (v) button when the choice appears.



3. When [SET ACCESS CODE] appears, use the numeric keypad to enter your access code. The Code can range from _ to 9. The Access Code is used to obtain an outside line when using a PBX and some Centrex applications.
4. When [FLASH TIMER (MS)] appears, press the EDIT buttons to set the desired Flash time. Note that the default time of 600 mSec is standard for the USA.
 - a. Use the Left Arrow (<) to decrease the time by 50 mSec. Minimum is 100 mSec.
 - b. Use the Right Arrow (>) to increase the time by 50 mSec. Maximum is 1000 mSec.
 - c. Press the REVIEW DOWN (v) button to confirm.



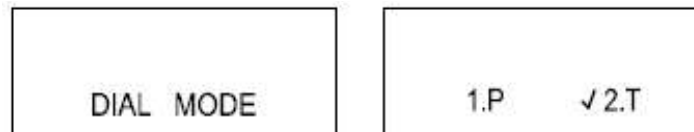
5. When [SELECT LINE 1/2?] appears, “1. L_1” and “2. L_2” will flash. This allows Line 1 or Line 2 to be selected as the prime line. The prime line is accessed automatically when the handset is lifted or the SPEAKERPHONE button is pressed. The default setting is Line 1.
 - a. Press 1 on the keypad to select Line 1 or 2 to select Line 2. The check mark shows the selection.
 - b. Press the REVIEW DOWN (v) button to confirm.



6. When [DIAL MODE] appears, “1. P (Pulse)” and “2. T (Tone)” will flash. Tone Dialing is most commonly used and this is the default selection.

Note: In order for Caller ID callback to work (see Using the Caller ID Function), the dial mode must be set to Tone.

- a. Press 1 on the keypad to select Pulse Dialing or 2 to select Tone Dialing.
- b. Press the REVIEW DOWN (v) button to confirm.



Setup is now complete. After a few seconds, TOTAL:0 NEW:0” appears in the display. This is the initial standby screen.

The Date/Time is set when a Caller ID call is received. The telephone will keep time accurately and will update the current time whenever a CID call is received.

To change any programmed item, press the OPTIONS button to enter the menu.

USING YOUR TELEPHONE

RECEIVING A PHONE CALL

1. Be sure the RINGER switch is set to the HI or LOW position.
2. When the phone rings and the caller’s information shows on the display, lift the handset or press the SPEAKERPHONE button and begin your conversation.
3. Set the Ringer switch to the OFF position when you do not want to be interrupted by the phone ringing. Remember to set the ringer switch back to Hi or Low when you want to receive calls again.

PLACING A PHONE CALL

1. Lift the handset or press the SPEAKERPHONE button and wait for a dial tone.
2. Dial the telephone number you wish to call. The number will appear on the display window.

SPEAKERPHONE BUTTON

Note: AC Adaptor must be used to ensure proper function.

1. Receiving Incoming Calls
 - a. When the phone rings and the callers information shows on the display, press and release the SPEAKERPHONE button and speak normally into the built-in microphone from a distance of 5-6 inches.
 - b. The volume of the caller's voice may be adjusted by pressing the VOLUME button.
 - c. After the conversation has ended, press the SPEAKERPHONE button to hang up.
2. Making Outgoing Calls
 - a. Press and release the SPEAKERPHONE button.
 - b. When you hear a dial tone, dial the number or press an auto memory button. The number will appear on the display and be dialed.
 - c. After the conversation has finished, press the SPEAKERPHONE button to hang up.

Note: To switch from Speakerphone to handset, simply lift the handset. To switch from handset to Speakerphone, press and release the SPEAKERPHONE button and hang up the handset.

DURATION COUNTER

A built-in counter will start counting 6 seconds after you lift the handset or 6 seconds after you dial a telephone number.

MUTE BUTTON

Press the MUTE button to prevent the distant party from overhearing your conversation. The MUTE indicator will light up and remain lighted until the conversation resumes.

To resume the conversation, press the MUTE button. The MUTE indicator will go out and the call can continue.

AUTOMATIC MEMORY

To Store A Number In Memory:

1. Press and hold the SAVE button for more than 2 seconds. [SAVE TO?] appears on the display.
2. Press the desired memory button located on right-hand side of base. [ENTER NUMBER] appears on the display.
3. Dial the telephone number (16 digits maximum) to store in memory.
4. Press the SAVE button again. [ENTER NAME] appears on the display.
5. Use the numeric keypad to enter the name. See USING KEYPAD TO ENTER NAME on Page 18 for instructions.
6. Press the SAVE button again.

To Dial A Phone Number In Memory

1. Lift the handset or press SPEAKERPHONE and wait for a dial tone.
2. Press the desired memory button.
3. The number will be displayed and dialed automatically.

VOLUME BUTTON

A built-in amplifier feature allows you to increase the listening volume in the receiver of the handset when speaking with your party. When needed, press the VOLUME button to achieve four different levels. The volume will remain at the last setting after hanging up.

REDIAL/PAUSE BUTTON

1. If the number you dialed is busy, or you want to call the last number dialed again, lift the handset, or press and release the hookswitch for a new dial tone.
2. Press the REDIAL button. The number will appear on the display window.
3. The last number called (32 digits maximum) will automatically be redialed.

This button is also used to insert 3.6 second pauses during memory dial programming.

This is particularly useful if you are connected to a PABX system where you must dial an access code (usually the number 9) to obtain an outside line.

1. Press the REDIAL/PAUSE button once and release at any point in the dialing sequence where a pause is desired.
2. The button can be pressed more than once to create a longer pause.

HOLD BUTTON

1. To place a call on hold, press the HOLD button. The line LED will flash
2. To resume your conversation, press the line button.
3. To Answer a Call on the other line while speaking on one line, place the current line on hold and press the ringing Line button.
4. To add the new caller to a three-way conference call, press the CONF button.
5. To Place both calls on hold press the HOLD button. Both line LEDs will then flash to indicate they are on hold.
6. To cancel hold for only one line press the desired line button. The other line will remain on hold.

FLASH BUTTON

This telephone provides a line break signal for accessing PABX service or for convenient use of Call Waiting from your local telephone company. The flash time is programmable from 100 mSec to 1000 mSec. See the Setup instructions. The default time is 600 mSec which is the USA standard.

If you have Call Waiting service, you can alternate the Call Waiting function per the following instructions.

1. While having a conversation, another party calls and you hear a tone.
2. Press the FLASH button once and release. The first conversation is placed on hold and the second call can be answered.

3. Press the FLASH button again and release. You are connected to the first caller again and the second call is placed on hold.

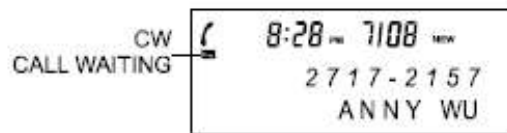
Note: If you also have subscribed to Call Waiting Caller ID service, please see the Call Waiting Display section on the following page

CALL WAITING DISPLAY

If you have Call Waiting Caller ID service and receive a call while you are on a call, your display will show the number of the new caller. The CALL WAITING (CW) symbol will flash for 16 seconds and the telephone number and name of the person who is on call waiting will be displayed.

Press the FLASH button to put the existing call on hold and answer the new call. The call information will be stored whether or not the call is answered.

Note: This feature requires **both** Call Waiting Caller ID and Caller ID service from your local telephone company. If you only have Caller ID service, Call Waiting Caller ID will not function.



RINGER VOLUME

Use the Ringer Volume controls located on the right side of the phone base to change ringer volume for Line 1 and Line 2. The 3-position switches are used to set ringer volume to Off, Low or Hi. Remember to set the Ringer switches to Hi or Low when you want to receive calls.

CONFERENCE BUTTON

1. To establish a three-way conference call, press HOLD while talking on one line. The line LED will begin to flash.
2. Press the line button for the other line and dial the telephone number of the second person.
3. Press CONF. You may now speak to the first and second person simultaneously. To place both calls on hold, press the HOLD button while in conference. To cancel hold for one line, press the desired line.
4. Place the handset in the cradle to disconnect both lines. To stay connected to only one line, press the desired line button.

STONE BUTTON (*)

If the dial mode is set to pulse and you want to make a tone dialing call, press the * button on the keypad, then dial the number. The number will be dialed out in tone mode.

CONTRAST BUTTON

The default contrast value is 2. Press the CONTRAST button change the display contrast.

HEADSET COMPATABILITY

This telephone will accept a 2.5mm headset or an RJ9 type headset. To enable headset mode, move the switch on the right side of the phone (see Page 7 for switch location) to the ON position. The SPEAKERPHONE button is used to connect or disconnect from a call.

Note: With the headset switch turned to the ON position, the speakerphone feature will be disabled.

DATA PORT

This is a connection which is in parallel with the telephone line. It allows the connection of a device such as a modem, caller ID, or an answering machine.

Using the Directory

This unit stores up to 99 names and telephone numbers in the Directory. Names are sorted alphabetically starting with the first character. To have the Directory sorted by last name, the last name must be entered first.

STORING A NEW DIRECTORY ENTRY

1. Press and hold the SAVE button for more than 2 seconds. "SAVE TO" will appear on the display.
2. Press the DIRECTORY button. "ENTER NUM" will appear on display.
3. Enter the telephone number to be stored and press the SAVE button. "ENTER NAME" will appear on display for two seconds.
4. Use the keypad to enter the name. See USING KEYPAD TO ENTER NAME below for instructions.
5. Press the SAVE button again to finish the store procedure.

USING KEYPAD TO ENTER NAME

Using the chart below, find the dial pad key that has the first character of the name. Press the key repeatedly until the desired character appears on the display. Press another dial pad key or the right EDIT (>) button for the next character. If the next character is on the same key, wait one second to accept the previous input. Use the right EDIT (>) button to insert a space. Use the LEFT edit (<) button to backspace and erase a mistake.

1: 1	2: 2ABC	3: 3DEF
4: 4GHI	5: 5JKL	6: 6MNO
7: 7PQRS	8: 8TUV	9: 9WXYZ
*: *	0: 0	#: #

FINDING ITEMS IN THE DIRECTORY

1. Press the DIRECTORY button to see the Directory List.
2. Use the REVIEW UP (^) or REVIEW DOWN (v) buttons to scroll through the directory. To see the listings that begin with a letter, press the key corresponding to that letter. For example Pressing “55” goes to the first “J” listing. Pressing “555” goes to the first “K” listing. You can then use the REVIEW UP (^) or REVIEW DOWN (v) buttons to scroll.
3. To leave the Directory at any time, press the DIRECTORY button.

EDITING THE DIRECTORY

1. Find the item to be edited in the Directory list.
2. Press the LEFT edit (<) to start editing.
3. Press the SAVE button to store the number and edit the name.
4. Make any desired changes to the name and press the SAVE button to finish editing.

DIALING NUMBERS FROM THE DIRECTORY

1. Find the number to be dialed in the Directory list.
2. Press the DIAL button.

DELETING ITEMS IN THE DIRECTORY

Deleting an individual entry:

1. Find the number to be deleted in the Directory list.
2. Press the DELETE button twice. The display will be erased and the remaining items will be re-sorted.

Deleting all items:

1. Press the DIRECTORY button to see the Directory List
2. Press and hold the DELETE button for more than 4 seconds until “DELETE ALL” appears in the display.
3. Press the DELETE button again to confirm the deletion. “NO RECORDS” appears in the display.

CALLER ID FEATURES

MESSAGE LIGHT

An indicator marked NEW CALL will light to let you know there are new calls received. If you have a voice mailbox service with your telephone company, another indicator marked MESSAGE will flash to alert you to dial your telephone company to check your new messages.

MESSAGE WAITING

This unit's message waiting detection is for both FSK and Stutter Tone Systems.

If your service is FSK:

If you have a voice mailbox service from the phone company, the MESSAGE indicator will flash and [MESSAGE WAITING] will appear on the display for 20 seconds when a message waiting signal (on) from the Central Office is received.

The MESSAGE indicator will go off and [MSG WAITING OFF] will appear for 20 seconds if the message waiting off signal is sent from the Central office.

If your service is Stutter Dial Tone (SDT):

1. The unit will check your line for a stutter dial tone every time you hang up or each time a call goes unanswered. The MESSAGE indicator will flash when there is a message waiting.
2. You may experience some delay in seeing the MESSAGE indicator light up even though there are messages in your mail box. This delay is due to regulatory matters and does not indicate a problem with the unit.

This unit may not be activated or deactivated under certain conditions. For example, when you retrieve your message from an outside phone (not your own telephone number), the MESSAGE indicator may not be canceled when you return home. If you experience this situation, pick up the receiver and hang up. The MESSAGE indicator will cancel.

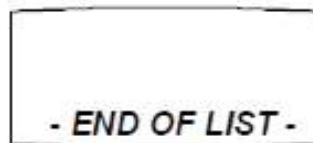
RECEIVING CALLS

1. When the telephone is not in use and a new call is received, the display will show the NEW symbol, the phone number, the caller's name, and time and date of the call for 20 seconds. The RPT (repeat) symbol will appear if the call has come in more than once.
2. After 20 seconds with no activity, the display will default to the Stand-By screen and remain on until another call is received or a button is pressed. This will show the total number of calls stored.



REVIEWING CALLS

1. When the NEW symbol is flashing on the Stand-By screen, you have new incoming calls. Press the REVIEW UP (^) or REVIEW DOWN (v) button to review the incoming stored calls.
2. The NEW symbol attached to each call will be removed after you review the call.
3. If the NEW symbol is still flashing when the display goes back to the Stand-By screen, there are new calls that you have not yet reviewed.
4. The reviewed number can be stored into any of the auto memory buttons or keypad memory locations by pressing the STORE button first, then one of the memory buttons.
Note: If the received number is more than 10 digits, only the last 10 digits will be stored in memory.
5. When you have reached the end of the call records, the display will indicate [-END OF LIST-], confirming there are no more calls stored.



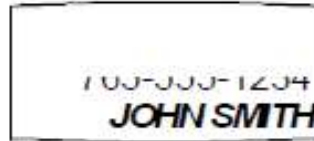
CALLER LIST

CID numbers may be stored into a Memory or Directory location.

1. Press the Caller List button to review calls.
2. Press the REVIEW UP (^) or REVIEW DOWN (v) button to review the calls.
3. Press and hold the SAVE button for more than 2 seconds. "SAVE TO?" and the
4. CID number will appear on display.
5. Press the memory key or directory location where you want to store the number. "ENTER NUM" will appear on the display.
6. Make any desired changes to the number and press the SAVE button. "ENTER NAME" will appear on the display for two seconds. Then the CID name will show on the display.
7. Make any desired changes to the name and press the SAVE button to complete the procedure.

DELETING CALLS

To delete an individual call: When reviewing calls, you can delete an individual call by pressing the DELETE button twice. The display will be erased line by line and the rest of the records will be renumbered.



To delete all calls: When reviewing calls, press and hold the DELETE button for more than 4 seconds. [DELETE ALL] will appear. Press the DELETE button to confirm. [-NO CALLS-] appears on the display to show there are no calls stored in memory.



CALLBACK

When reviewing received calls, there are two ways to dial the telephone numbers shown on the display by pressing DIAL.

1. With the handset in its cradle (on-hook), press DIAL. The number will be dialed in speakerphone mode.
2. If you pick up the handset, review the calls, and press DIAL, the displayed number will be dialed immediately.

Note: The HANDSET symbol will appear in the upper left hand corner of the display when the handset is picked up.

DIAL/OPTIONS BUTTON

The OPTIONS button allows you to change the format of the displayed number. Three formats are available:

7-digit	7 digit telephone number.
10-digit	3 digit area code + 7 digit telephone number.
11-digit	long distance code (1) + 3 digit area code + 7 digit telephone number.

If a local call, and its 7-digit number is displayed:

Pressing OPTIONS once will change it to a 10-digit format (your area code + 7-digit number).

Pressing OPTIONS twice will change it to an 11-digit number (1 + your area code + 7-digit telephone number).

Pressing OPTIONS three times will return to the original 7-digit telephone number.

For example: Your area code is 205 and you are reviewing telephone number 785-2883. When the desired number format is reached, press DIAL to dial the displayed number.

Original 785-2883	Press Option button once (205) 785-2883	Press Option button twice 1 + (205) 785-2883
PM 10:36 8/24 785 - 2883 DANIEL WHITE	PM 10:36 8/24 205 - 785 - 2883 DANIEL WHITE	PM 10:36 8/24 120 - 578 - 5288 DANIEL WHITE

Note: Since the display can only show 10 digits, when the format is changed to 11 digits, only the first 10 digits can be seen. All 11 digits will be dialed however.

If a long distance call, and its 10-digit number is displayed:

Pressing OPTIONS once will change it to an 11-digit number (1+ 3 digit area code + 7 digit telephone number).

Pressing OPTIONS twice will remove the 3 digit area code and change to display only the 7 digit telephone number.

Pressing OPTIONS three times will return to the original 10-digit number.

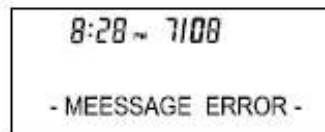
For example: your area code is 205, and you are reviewing (914)656-5756.

Original (914) 656-5756	Press Option button once 1+(914) 656-5756	Press Option button twice 656-5756
PM 8:29 8/24 914 - 656 - 5756 SMITH JOHN	PM 8:29 8/24 191 - 465 - 6575 SMITH JOHN	PM 8:29 8/24 656 - 5756 SMITH JOHN

When the desired number format is reached, press DIAL to dial the displayed number.

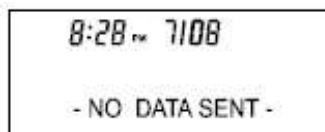
MESSAGE ERROR

The display indicates [-ERROR-] if your unit receives a call that has an error in the transmission or reception.



NO DATA SENT

[-NO DATA-] will be displayed if there is no caller ID (CID) information sent from the telephone company while ringing.

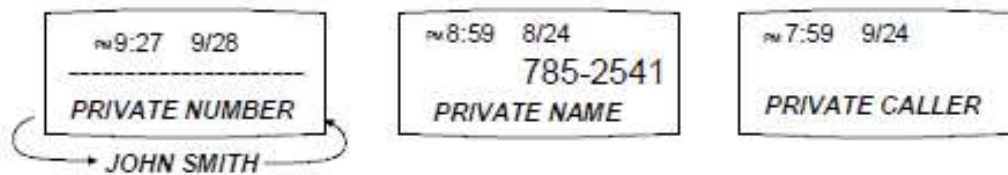


PRIVATE CALLS

If the caller has blocked his number from being sent, [PRIVATE NUMBER] and his name will alternately display on the screen.

If the caller has blocked his name from being sent, [PRIVATE NAME] and his telephone number will be displayed on the screen.

If the caller has blocked both his name and number from being sent, [PRIVATE CALLER] will be displayed on the screen.

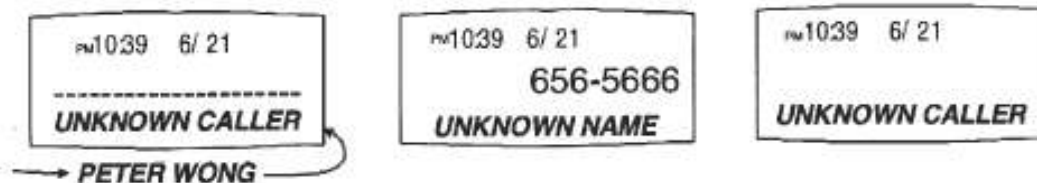


UNKNOWN CALLS

When the telephone company is unable to provide the caller's telephone number, [UNKNOWN NUMBER] and his name will alternately display on the screen.

When the telephone company is unable to provide the caller's name, [UNKNOWN NAME] and his telephone number will be displayed on the screen.

When the telephone company is unable to provide the caller's name and number, [UNKNOWN CALLER] will be displayed on the screen.



TROUBLESHOOTING

If you have any problems with your telephone service, determine if the problem is with your unit or the telephone company lines **BEFORE CALLING THE TELEPHONE COMPANY**. Always disconnect the power adapter and telephone line and reconnect them before calling for service. The telephone company may charge you for a service call if the problem is caused by your telephone.

PHONE DOES NOT RING

1. OFF/LOW/HI ringer switch is set to OFF position
2. Line cord is disconnected at telephone outlet or at telephone end.
3. Phone is OFF HOOK. Make certain the hookswitch is depressed when the handset is in the cradle.
4. Speakerphone is on. Turn off speakerphone.

NO DIAL TONE

Telephone is disconnected at telephone jack or at wall jack. Test the telephone in a different wall jack. If it works, the first jack may be defective.

HAVE DIAL TONE BUT CANNOT DIAL OUT

Check that dialing mode is correct.

SPEAKERPHONE BUTTON DOES NOT FUNCTION

Headset switch is ON. Turn to OFF position.

BLANK SCREEN

Power adapter is not connected to phone or to the AC wall outlet.

CALLERS ARE NOT DISPLAYED ON THE SCREEN

1. Verify that you have subscribed to BOTH Caller ID and Call Waiting Caller ID from your telephone company. If you only subscribed to Caller ID service this unit will not display call waiting caller ID information.
2. Check if your answering machine is set to answer the call before 2 rings.

NO CALLER INFORMATION DISPLAYED AFTER HEARING THE CALL WAITING SOUND

Verify that you have subscribed to Call Waiting Caller ID service from your telephone company.

MESSAGE ERROR HAPPENS FREQUENTLY

Caller information was not transmitted properly. Check with your telephone company to see if there is a problem with your phone line.

Since your stored call records and memory dial numbers will always be retained, we encourage you to disconnect all the telephone cords and adapter, and then reinstall step by step per this instruction manual before you ask for service.

IN CASE OF POWER FAILURE

If AC power is lost, outgoing calls can only be made using DTMF dialing on Line 1.

MAINTENANCE INFORMATION

Treat your telephone equipment with care for trouble-free performance. Avoid dropping the handset. Carefully place the handset on-hook after use.

Avoid putting near heating appliances and devices that generate electrical noise (for example, motors and florescent lamps).

Clean your telephone equipment with a damp cloth. Stains may be removed with a mild soap. Do not use liquid or aerosol detergents or cleaning agents. Do not expose to direct sunlight or moisture

Retain the original package in case you need to ship it at a later date.

TELEPHONE REPAIR

DO NOT ATTEMPT TO REPAIR THIS PRODUCT YOURSELF. Telephones manufactured by CORTELCO must be returned to us for repair.

You can return your telephone to CORTELCO for repair or replacement in accordance with our LIMITED WARRANTY.

CORTELCO warrants THIS PRODUCT against defects in material and workmanship in accordance with our LIMITED WARRANTY. If your telephone is returned for repair, include a copy of your sales receipt containing the date-of-purchase. **DO NOT INCLUDE THE ORIGINAL SALES RECEIPT.**

If date-of-purchase is not included, the factory date printed on the label on the bottom of your telephone will be used as the date-of-purchase. The factory date allows six months for distribution and sale of this product.

If you return your telephone for repair, the warranty period is not extended. The original date-of-purchase continues to apply to your warranty.

OUT-OF-WARRANTY REPAIR - We will repair this product for a nominal fee after the LIMITED WARRANTY has expired if you send it to us in a complete and undamaged condition. The repaired unit will be shipped to you C.O.D., freight collect.

RETURN-FOR-REPAIR PACKAGING - If you are returning a unit to us for repair, package it carefully, preferably in the original carton. Be sure to include your return address, a copy of the sales receipt showing date-of-purchase, and a note describing the problem you have with your Telephone. Shipping must be prepaid. If the telephone is in warranty, it will be repaired or replaced, at our option, at no cost to you, and it will be returned shipping prepaid.

Ship your telephone (shipping prepaid) to:

CORTELCO REPAIR CENTER
1703 SAWYER ROAD
CORINTH, MS 38834

FCC INFORMATION

Part 68 is a Federal regulation which requires equipment to be tested and registered with the FCC prior to its connection to the network. This equipment complies with Part 68 of FCC rules. On the bottom of the telephone is a label that contains, among other information, the FCC Registration Number and the Ringer Equivalence Number (REN) for this equipment. You must, upon request, provide this information to your telephone company.

The **Ringer Equivalence Number(REN)**, which is used to determine the number of devices you may connect to your phone line, indicates the amount of power that your telephone draws from the telephone company line during ringing. If you have more than one telephone (or other terminal device) connected to the telephone company line, you should total the RENs, and be sure that the total is not more than five. Your telephones may not ring if the total is more than five. Also, in some rural locations, your telephone may not ring if the REN total is more than three.

RESTRICTIONS You must not connect your telephone to coin-operated lines or party lines.

INSTALLATION This model telephone must be connected to the telephone company lines through a modular jack. The required USOC for the modular jack is RJ11C for desk mounting and RJ11W for wall mounting. The USOC number is printed on the label on the bottom of your telephone.

HEARING-AID COMPATIBILITY The handset on your telephone will work with magnetically-coupled hearing aids. You can use a hearing aid equipped with a T (Telephone) switch.

IN CASE OF TROUBLE If your telephone should cause problems on the telephone line, the telephone company can temporarily disconnect your service. The telephone company must then notify and allow you to correct the problem.

The telephone company may from time to time change its lines or equipment. They must notify you if planned changes will affect your telephone service, to allow you to take steps to prevent interruptions.

This telephone complies with Part 15 of the FCC Rules. In the unlikely event that interference occurs, move the telephone and/or radio, television, etc. to increase the separation distance.

LIMITED WARRANTY

If you purchased this product new in the U.S. or Puerto Rico, CORTELCO warrants it against defects in material and workmanship for a period of five (5) years from the date of original purchase. This warranty is in lieu of all other express warranties. During the warranty period, CORTELCO agrees to repair or, at its option, replace the defective product, or any part of it without charge for parts or labor. This is your exclusive remedy. This warranty does not cover damage resulting from accident, misuse, abuse, improper installation or operation, lack of reasonable care, the affixing of any attachment not provided by CORTELCO with the product and loss of parts. The warranty is voided in the event any unauthorized person alters or repairs the unit.

Telephone companies use different types of equipment and offer various types of services to customers. **CORTELCO does not warrant that this product is compatible with the type of equipment of any particular phone company or the services provided by it.**

CORTELCO DISCLAIMS ANY IMPLIED WARRANTY, INCLUDING THE WARRANTY OF MERCHANTABILITY AND THE WARRANTY OF FITNESS FOR A PARTICULAR PURPOSE, AS OF THE DATE FIVE YEARS FROM THE ORIGINAL PURCHASE OF THE PRODUCT. CORTELCO ASSUMES NO RESPONSIBILITY FOR ANY SPECIAL, INCIDENTAL OR CONSEQUENTIAL DAMAGES.

THIS WARRANTY GIVES YOU SPECIFIC LEGAL RIGHTS, AND YOU MAY HAVE OTHER RIGHTS WHICH VARY FROM STATE TO STATE. SOME STATES DO NOT ALLOW THE EXCLUSION OR LIMITATION OF SPECIAL, INCIDENTAL OR CONSEQUENTIAL DAMAGES OR LIMITATIONS ON HOW LONG AN IMPLIED WARRANTY LASTS, SO THE ABOVE EXCLUSION AND LIMITATION MAY NOT APPLY TO YOU.

If failure occurs and your telephone is in warranty, service shall be provided by returning it to **CORTELCO Repair Center, 1703 Sawyer Road, Corinth, Mississippi 38834, shipping prepaid.** The product will be repaired or replaced if examination by us determines the product to be defective. Telephones received damaged as a result of shipping will require you to file a claim with the carrier.